

CLAIMS

1. An ultrasonic diagnostic apparatus, comprising:
 - an electroacoustic conversion unit including electroacoustic conversion devices with M rows and N columns, in which sub-arrays are arranged at least two-dimensionally with J rows and K columns, each of the sub-arrays including electroacoustic conversion devices with m rows and n columns, where $M = m \times J$, $N = n \times K$;
 - intra-group processors with J rows and K columns provided corresponding to the respective sub-arrays; and
 - a selection unit that selects intra-group processors with j rows ($j \leq J$) and k columns ($k < K$) as a target from the intra-group processors with J rows and K columns, the selection being performed while shifting the selection target of the intra-group processors in a column direction.
- 15 2. The ultrasonic diagnostic apparatus according to claim 1, wherein the selection unit selects intra-group processors with j rows and k columns as the target while shifting the selection target of the intra-group processors in a row direction.
- 20 3. The ultrasonic diagnostic apparatus according to claim 1 or 2, wherein the selection unit comprises a reception switch that selectively connects a reception signal from the intra-group processors with a reception beam former.
- 25 4. The ultrasonic diagnostic apparatus according to claim 1 or 2, wherein the selection unit comprises a data switch that selectively supplies group focus data to the intra-group processors.
- 30 5. The ultrasonic diagnostic apparatus according to claim 1 or 2,

wherein the selection unit comprises a power supply switch that selectively supplies a group power supply to the intra-group processors.

6. The ultrasonic diagnostic apparatus according to claim 1 or 2,
- 5 wherein the selection unit comprises a clock switch that selectively supplies a clock signal to the intra-group processors.